Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057403.D
Acq On : 11 May 2023 18:09
Operator : CG/JU
Sample : 02694-22MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREQ1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 12 00:07:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	15343	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	64272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.981	164	48694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.719	188	120826	20.000	ng/ul	0.00
79) Chrysene-d12	22.031	240	108712	20.000	ng/ul	0.00
88) Perylene-d12	25.532	264	118758	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	1676	4.807	ng/uL	0.00
4) Pyridine-d5	4.090	84	11095	10.094	ng/ul	0.00
7) Phenol-d5	7.503	99	12983	8.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.668	67	26919	31.542	ng/ul	0.00
11) 2-Chlorophenol-d4	7.891	132	27901	29.179	ng/ul	0.00
15) 4-Methylphenol-d8	9.066	113	23014	20.868	ng/ul	0.00
21) Nitrobenzene-d5	9.542	128	18687	36.510	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	22474	37.624	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.816	165	43203	37.488	ng/ul	0.00
31) 4-Chloroaniline-d4	11.327	131	44448	29.100	ng/ul	0.00
46) Dimethylphthalate-d6	14.364	166	172163	44.621	ng/ul	0.00
49) Acenaphthylene-d8	14.676	160	184152	42.465	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	5744	10.227	ng/ul	0.00
60) Fluorene-d10	15.962	176	156641	43.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	20336	28.407	ng/ul	0.00
73) Anthracene-d10	17.819	188	243664	44.181	ng/ul	0.00
81) Pyrene-d10	20.080	212	294577	45.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	274119	45.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	1997	5.401	ng/uL	90
5) Pyridine	4.114	79	10712	9.245	ng/ul	94
6) Benzaldehyde	7.491	77	26450	59.684	ng/ul	87
8) Phenol	7.533	94	13048	8.922	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.762	93	31950	29.190	ng/ul	99
12) 2-Chlorophenol	7.926	128	27146	27.028	ng/ul	97
13) 2-Methylphenol	8.801	108	23294	20.552	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.884	45	37421	26.517	ng/ul	96
16) Acetophenone	9.189	105	59742	31.482	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.166	70	33021	30.280	ng/ul	93
18) 4-Methylphenol	9.130	108	23020	18.764	ng/ul	92
19) Hexachloroethane	9.465	117	12483	29.706	ng/ul	98
22) Nitrobenzene	9.589	77	47209	30.974	ng/ul	99
23) Isophorone	10.105	82	93863	32.368	ng/ul	98
25) 2-Nitrophenol	10.305	139	20688	34.194	ng/ul	96
26) 2,4-Dimethylphenol	10.346	107	38276	27.888	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.575	93	47892	31.772	ng/ul	99
29) 2,4-Dichlorophenol	10.846	162	38087	34.818	ng/ul	95
30) Naphthalene	11.257	128	115640	32.769	ng/ul	98
32) 4-Chloroaniline	11.357	127	34565	21.718	ng/ul	99
33) Hexachlorobutadiene	11.521	225	31436	33.883	ng/ul	99
34) Caprolactam	12.109	113	2081	5.651	ng/ul#	78
35) 4-Chloro-3-methylphenol	12.449	107	41369	32.869	ng/ul	98
36) 2-Methylnaphthalene	12.831	142	90712	35.052	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.049	142	93777	36.038	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.190	216	67686	38.251	ng/ul	98
40)	Hexachlorocyclopentadiene	13.166	237	12726	14.411	ng/ul	97
41)	2,4,6-Trichlorophenol	13.425	196	40033	38.845	ng/ul	96
42)	2,4,5-Trichlorophenol	13.501	196	43384	39.209	ng/ul	89
43)	1,1'-Biphenyl	13.812	154	135725	36.529	ng/ul	98
44)	2-Chloronaphthalene	13.865	162	107408	37.283	ng/ul	99
45)	2-Nitroaniline	14.065	65	34609	39.794	ng/ul	90
47)	Dimethylphthalate	14.411	163	151254	39.037	ng/ul	100
48)	2,6-Dinitrotoluene	14.547	165	34113	42.781	ng/ul	97
50)	Acenaphthylene	14.705	152	165419	37.537	ng/ul	99
51)	3-Nitroaniline	14.881	138	25540	45.204	ng/ul	94
52)	Acenaphthene	15.046	153	119470	38.050	ng/ul	97
53)	2,4-Dinitrophenol	15.111	184	2594	6.109	ng/ul	94
55)	4-Nitrophenol	15.187	109	5454m	8.567	ng/ul	
56)	Dibenzofuran	15.375	168	177435	39.134	ng/ul	100
57)	2,4-Dinitrotoluene	15.334	165	47188	41.339	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.598	232	39004	38.794	ng/ul	99
59)	Diethylphthalate	15.757	149	152339	38.699	ng/ul	98
61)	Fluorene	16.021	166	148796	38.810	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.998	204	87347	39.033	ng/ul	98
63)	4-Nitroaniline	16.039	138	27593	51.572	ng/ul	97
66)	4,6-Dinitro-2-methylph...	16.097	198	18391m	25.211	ng/ul	
67)	N-Nitrosodiphenylamine	16.209	169	122487	38.808	ng/ul	99
68)	4-Bromophenyl-phenylether	16.890	248	60449	41.858	ng/ul	97
69)	Hexachlorobenzene	17.026	284	64390	42.342	ng/ul	99
70)	Atrazine	17.143	200	42978	30.639	ng/ul	97
71)	Pentachlorophenol	17.372	266	20345m	28.943	ng/ul	
72)	Phenanthrene	17.760	178	252752	40.170	ng/ul	99
74)	Anthracene	17.854	178	249427	39.464	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.789	216	71364	39.269	ng/uL	99
76)	Pentachlorobenzene	15.293	250	74673	40.367	ng/uL	98
77)	Carbazole	18.118	167	216274	40.946	ng/ul	99
78)	Di-n-butylphthalate	18.635	149	249864	41.369	ng/ul	99
80)	Fluoranthene	19.751	202	307965	40.177	ng/ul	97
82)	Pyrene	20.110	202	308477	39.754	ng/ul	98
83)	Butylbenzylphthalate	20.961	149	110413	44.431	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.901	252	98138	40.648	ng/ul	97
85)	Benzo(a)anthracene	22.007	228	317328	41.272	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.848	149	157517	43.582	ng/ul	98
87)	Chrysene	22.078	228	296514	40.876	ng/ul	97
89)	Di-n-octyl phthalate	23.147	149	264710	40.364	ng/ul	100
90)	Benzo(b)fluoranthene	24.410	252	324573	39.467	ng/ul	98
91)	Benzo(k)fluoranthene	24.480	252	313052	39.127	ng/ul	99
93)	Benzo(a)pyrene	25.367	252	276314	38.918	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.579	276	358103	40.349	ng/ul	98
95)	Dibenzo(a,h)anthracene	29.644	278	297891	40.479	ng/ul	99
96)	Benzo(g,h,i)perylene	30.860	276	286514	39.889	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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